

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1    | ("20040084049").PN.   | US-PGPUB; USPAT                           | OR               | OFF     | 2006/03/30 10:48 |
| S2    | 24   | baran-george.in.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 10:58 |
| S3    | 5    | ((4735620") or ("5078131") or ("9317744") or ("5031613") or ("5167622")).PN.  | USPAT; EPO                                | OR               | OFF     | 2006/03/30 11:01 |
| S4    | 81   | ("2638096" "3144868" "3788326" "4270530" "4319115" "43277<br>21" "4488548" "4584998" "4622968" "4646733" "4655746" "466<br>1110" "4669463" "4690138" "4735620" "4739756" "4805609" "4<br>819664" "4821714" "4829996" "4832012" "4840172" "4881542"<br> "4886055" "4945929" "4955375" "5012804" "5025806" "50295<br>80" "5031613" "5049137" "5060646" "5062423" "5072726" "507<br>8131" "5115971" "5116088" "5119807" "5125893" "5146916" "5<br>152277" "5158536" "5167622" "5178138" "5186166" "5193533"<br> "5197463" "5207220" "5217005" "5231983" "5233979" "52556<br>75" "5261892" "5285778" "5287847" "5287849" "5287850" "529<br>1882" "5313939" "5329921" "5333607" "5372131" "5433195" "5<br>438982" "5443447" "5480380" "5499625" "5515844" "5606968"<br> "5611336" "5642730" "5803078" "5964223" "6079413" "60823<br>61" "6086529" "6102042" "6237597" "6257236" "0829952" "085<br>2154").PN. | US-PGPUB; USPAT                           | AND              | ON      | 2006/03/30 11:02 |
| S5    | 52   | S4 and method   | US-PGPUB; USPAT                           | AND              | ON      | 2006/03/30 11:04 |
| S6    | 1    | ("4735620").PN.   | US-PGPUB; USPAT                           | OR               | OFF     | 2006/03/30 11:11 |
| S7    | 26   | ((8705522") or ("8905670") or ("9007651") or ("9317744") or ("9530448") or ("22098485") or ("2268286")).PN.   | EPO; DERWENT                              | OR               | OFF     | 2006/03/30 11:16 |
| S9    | 1    | ("6729334").PN.   | USPAT                                     | OR               | OFF     | 2006/03/30 11:16 |
| S10   | 7    | ((5031613") or ("2268286") or ("8705522") or ("4739756") or ("5167622") or ("9317744") or ("5078131") or ("9007951")).PN.   | USPAT; EPO                                | OR               | OFF     | 2006/03/30 11:20 |
| S11   | 787  | method with (making or forming or manufacturing) adj (nebuliz\$3 or catheter or pulmonary)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 11:26 |
| S12   | 2    | S11 and (holes or orifice) and (J-shaped)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 11:25 |
| S13   | 28   | S11 and heating same (hole or orifice) and (tether or wire)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 11:28 |
| S14   | 844  | 264/210.1.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 11:29 |
| S16   | 13   | S14 and melt with glass adj transition  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND              | ON      | 2006/03/30 11:30 |

## EAST Search History

|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S17 | 1310 | 264/230.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:35 |
| S20 | 534  | S17 and (nebulizer or pulmonary or catheter or stent or tube)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:37 |
| S21 | 250  | S20 and (holes or orifices or openings)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:38 |
| S22 | 3    | S21 and radiopaque   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:38 |
| S23 | 1067 | 264/154.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:39 |
| S24 | 48   | S23 and known with (hole or perforation or orifice)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:40 |
| S25 | 3945 | known with (hole or perforation or orifice) same cutting   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:40 |
| S26 | 46   | S25 and (catheter or stent or nebulizer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:41 |
| S27 | 0    | nebulizer with known adj (perforation or perforat\$3 or orifice or hole)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:42 |
| S28 | 0    | known adj: (perforation or perforat\$3 or orifice or hole) with (nebulizer or liquid adj: catheter)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:42 |
| S29 | 284  | 264/488.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/03/30 11:42 |
| S30 | 11   | (US-20040084049-\$ or US-20010007070-\$).did. or<br>(US-4735620-\$ or US-5031613-\$ or US-5078131-\$ or<br>US-3788326-\$ or US-4690138-\$ or US-5313939-\$ or<br>US-3634924-\$ or US-3370112-\$).did. or (EP-687478-\$).did. | US-PGPUB;<br>USPAT;<br>EPO                            | AND | ON | 2006/03/30 11:47 |
| S31 | 3    | S30 and wire   | US-PGPUB;<br>USPAT;<br>EPO                            | AND | ON | 2006/03/30 11:47 |

## EAST Search History

|     |     |   |                                  |     |     |                  |
|-----|-----|---|----------------------------------|-----|-----|------------------|
| S32 | 18  | ("0003800"   "1740174"   "2976865"   "3182663"   "3398747"   "3459188"   "3459189"   "3653388"   "3680562"   "3688773"   "3707151").PN.   | US-PGPUB; USPAT; USOCR           | AND | ON  | 2006/03/30 12:59 |
| S33 | 60  | ("3788326").URPN.   | USPAT                            | AND | ON  | 2006/03/30 12:59 |
| S34 | 9   | ("0488736"   "1913229"   "3115115"   "3638655"   "4121572"   "4499905").PN.   | US-PGPUB; USPAT; USOCR           | AND | ON  | 2006/03/30 13:00 |
| S35 | 13  | ("3794026"   "4155365"   "4444185"   "4449522"   "4449526"   "4488548"   "4497318"   "4584998"   "4646733"   "4669463"   "4690138"   "4739756"   "4892095").PN.                                     | US-PGPUB; USPAT; USOCR           | AND | ON  | 2006/03/30 13:01 |
| S36 | 35  | ("5031613").URPN.   | USPAT                            | AND | ON  | 2006/03/30 13:03 |
| S37 | 18  | ("3173418"   "3394705"   "3593713"   "4156428"   "4230108"   "4327721"   "4405308"   "4501580"   "4584998"   "4632108"   "4669463"   "4693243"   "4739756"   "4977894"   "5031613"   "5146916").PN. | US-PGPUB; USPAT; USOCR           | AND | ON  | 2006/03/30 13:29 |
| S38 | 284 | 264/488.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:29 |
| S39 | 83  | S38 and known same (radiat\$3)  | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:30 |
| S40 | 42  | S38 and (energy adj radiation)  | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:32 |
| S41 | 24  | (energy adj radiation) with (nebuliz\$3 or catheter)  | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:33 |
| S42 | 40  | radiation with nebuliz\$3   | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:39 |
| S43 | 95  | radiation with atomizer   | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:42 |
| S45 | 473 | 128/207.11.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:43 |
| S46 | 0   | S45 and radiopaque  | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:43 |
| S47 | 13  | radiopaque with coextrusion   | US-PGPUB; USPAT; USOCR; EPO; JPO | AND | ON  | 2006/03/30 13:46 |
| S48 | 1   | ("2857915").PN.   | US-PGPUB; USPAT                  | OR  | OFF | 2006/03/30 13:46 |